

FIG. 1A

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EXPRESS MAIL  
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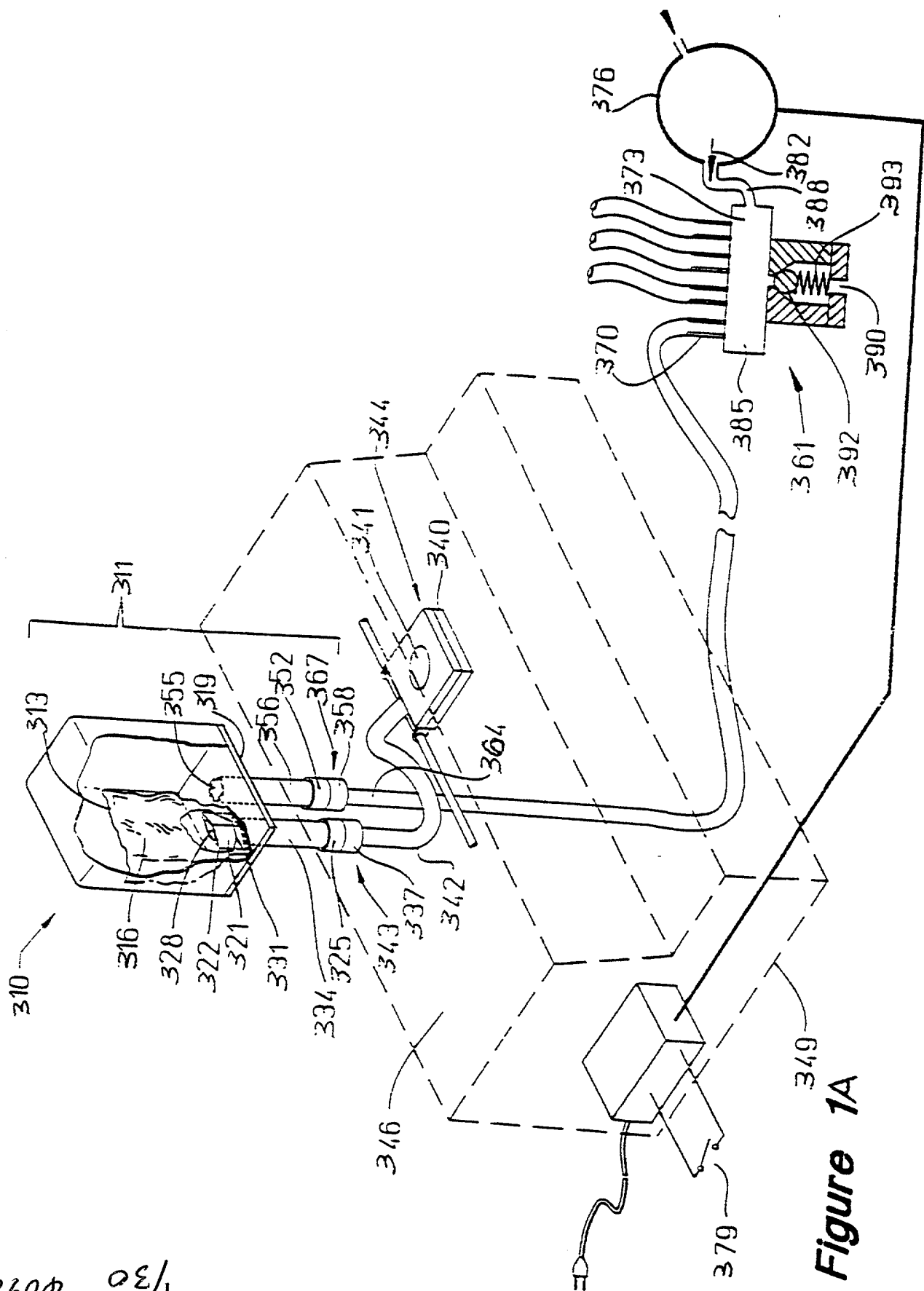


Figure 1A

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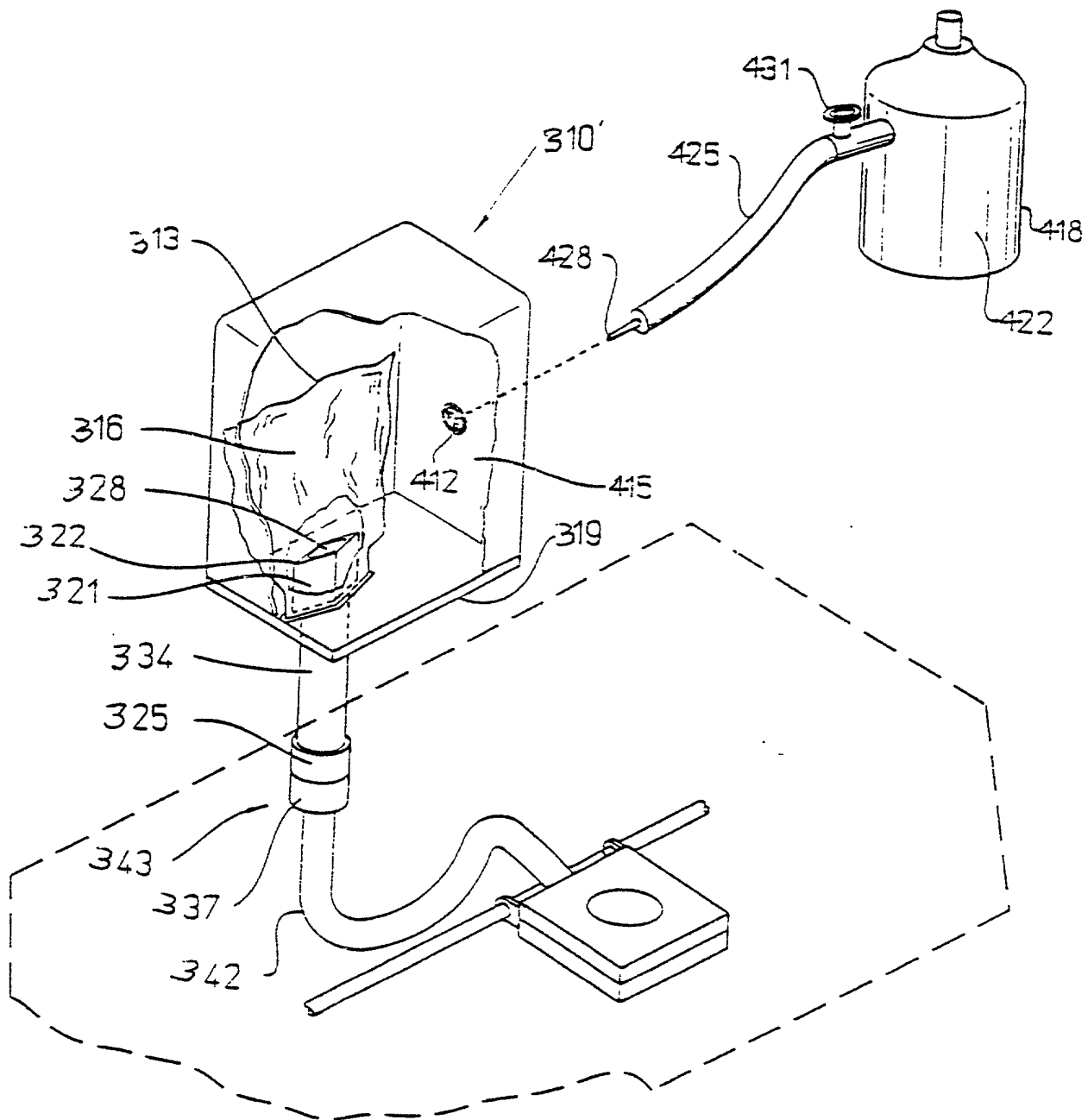


Figure 1B

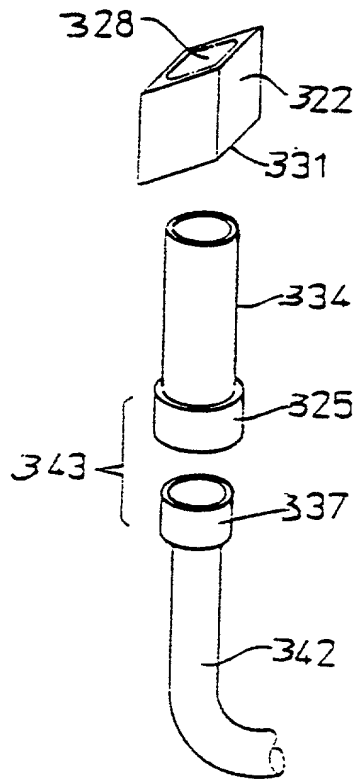


Figure 2A

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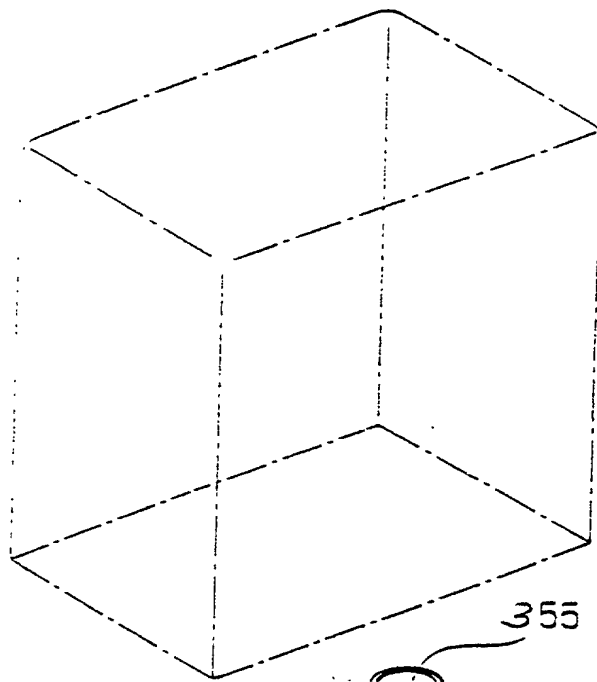
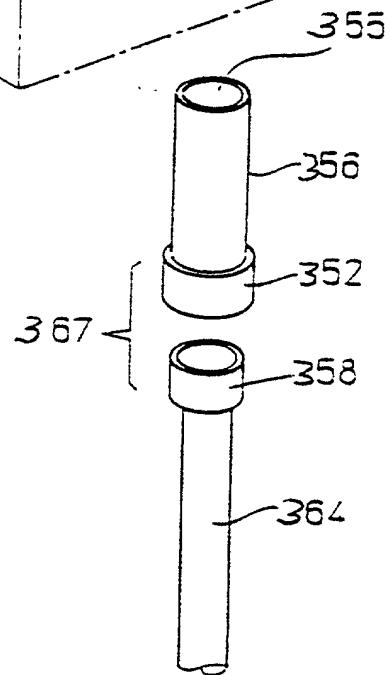


Figure 2B



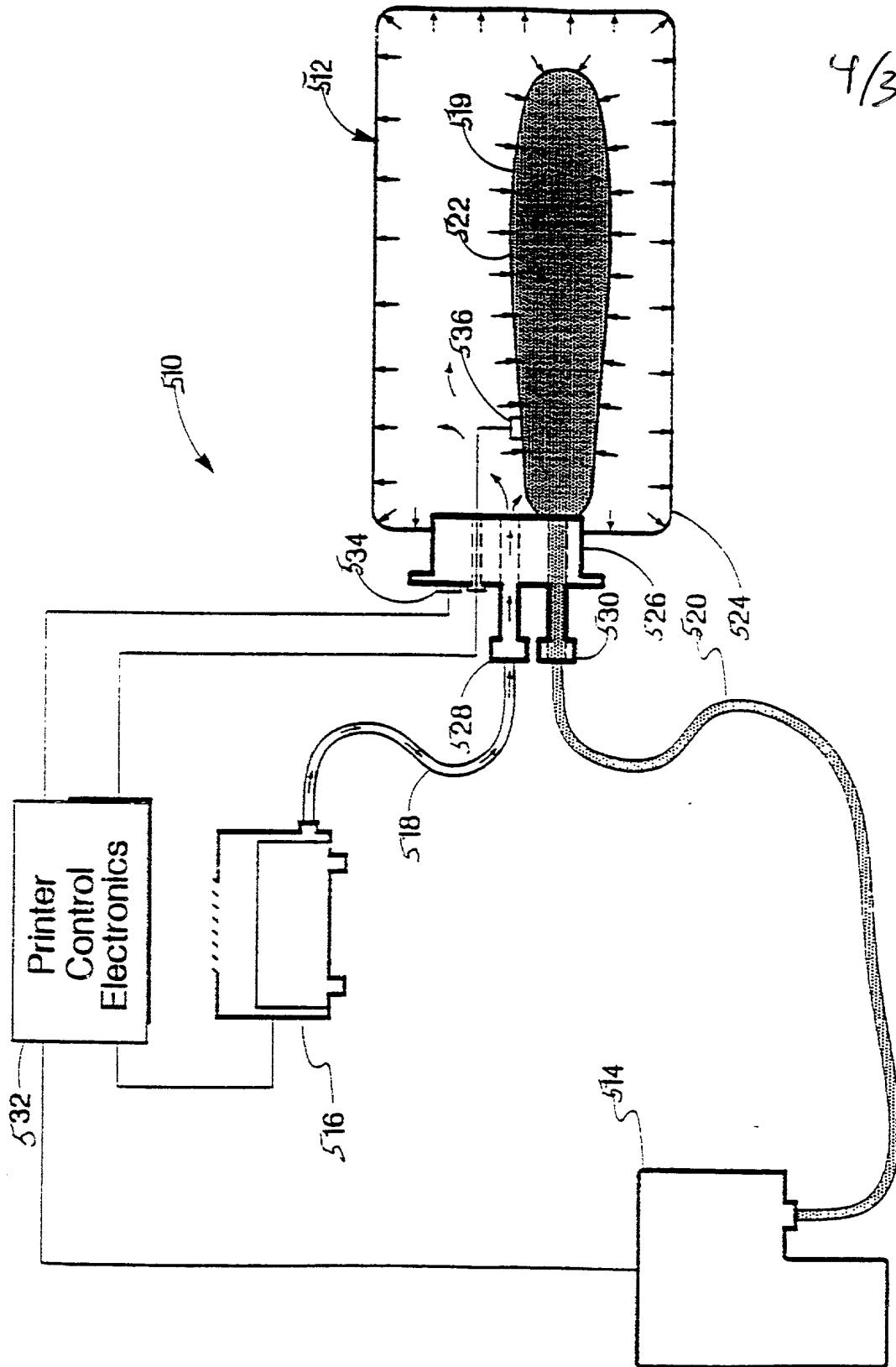


FIG. 3

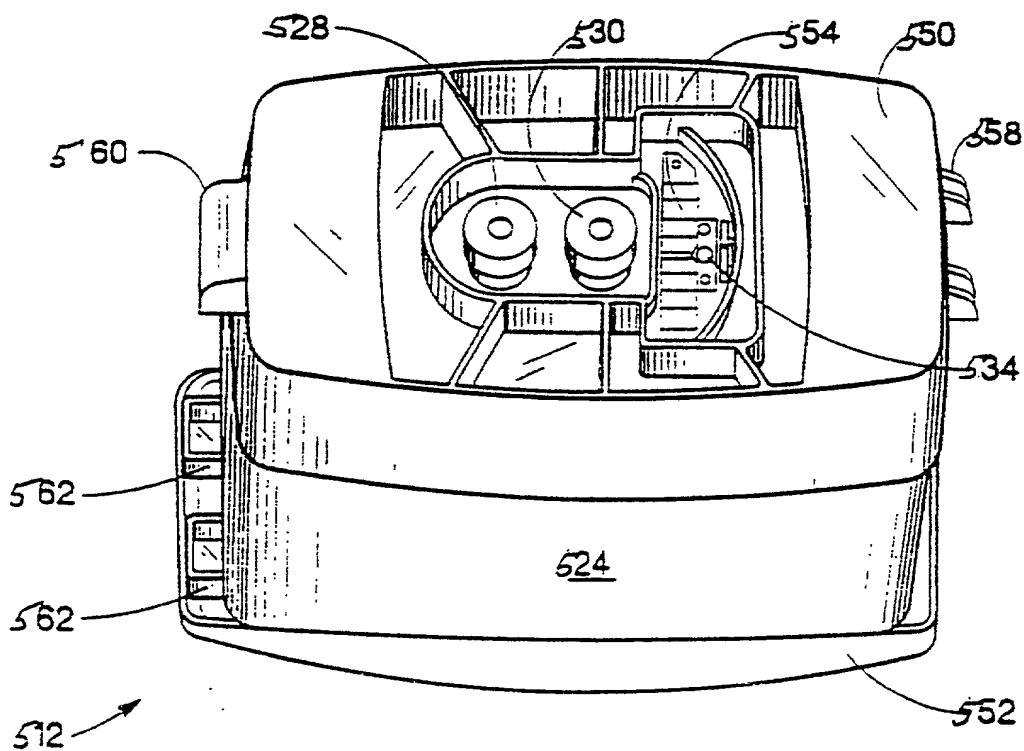


FIG. 4A

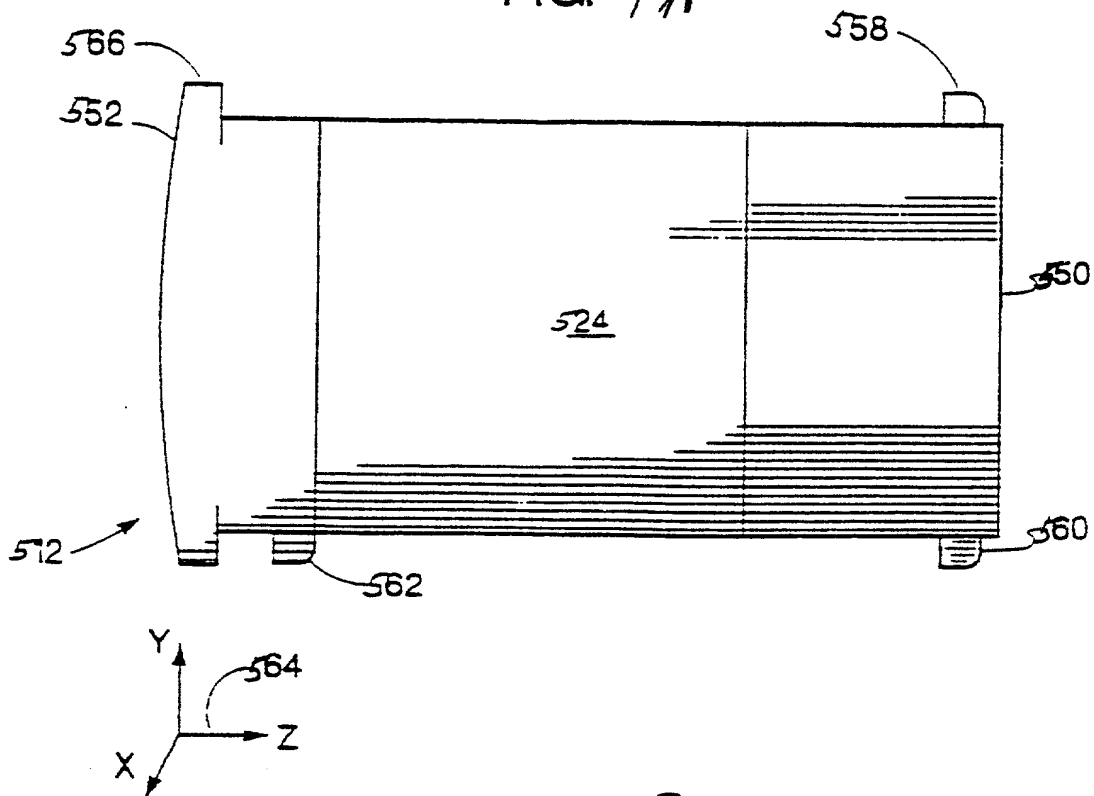


FIG. 4B

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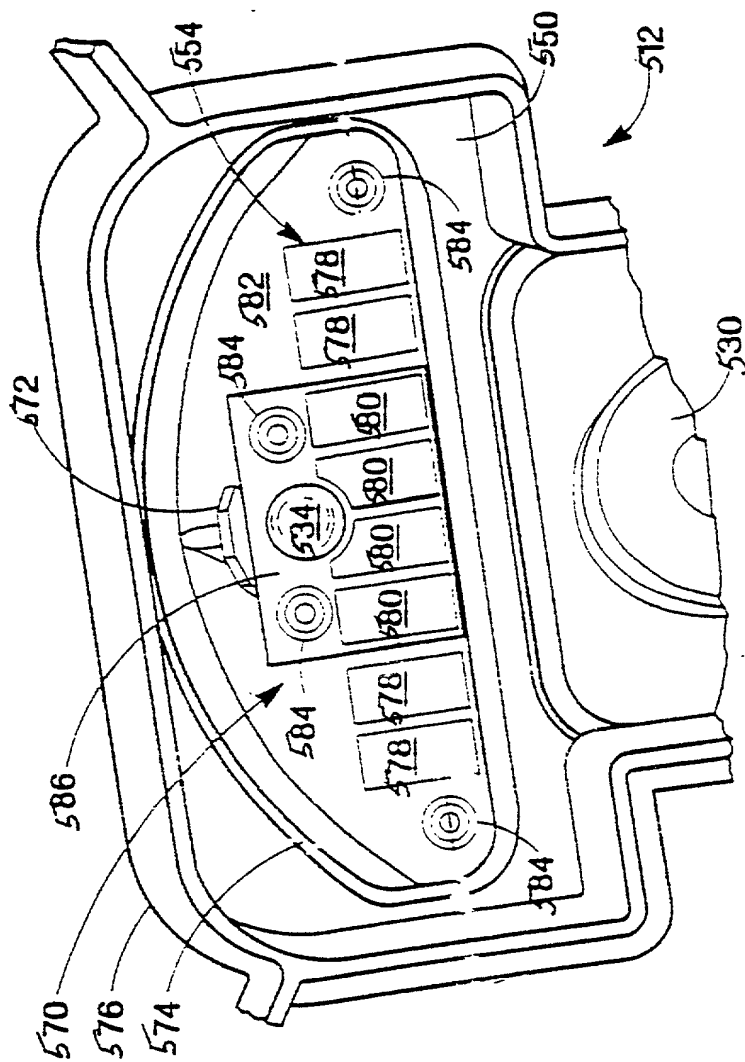


FIG. 4C

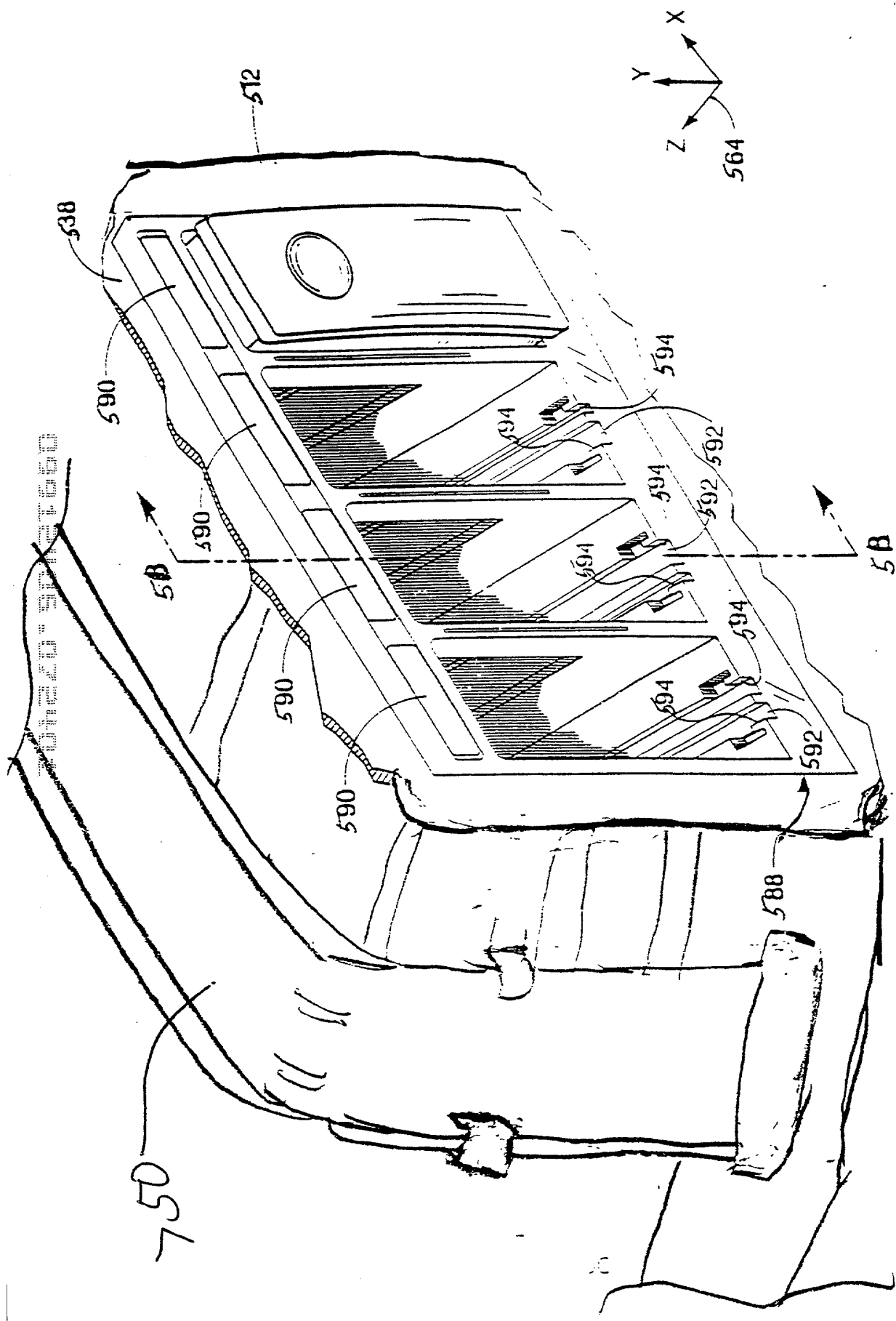
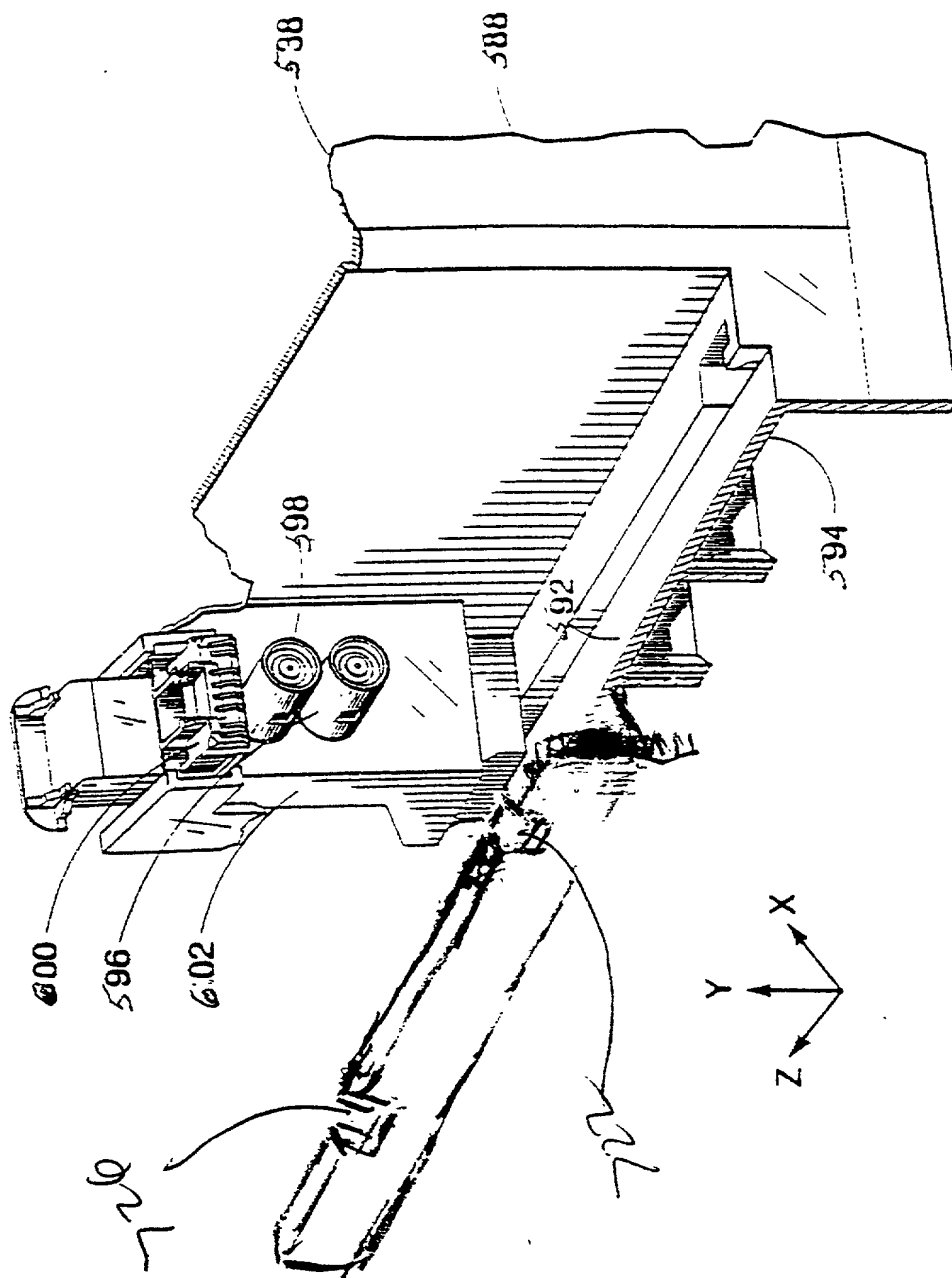


FIG. 5A

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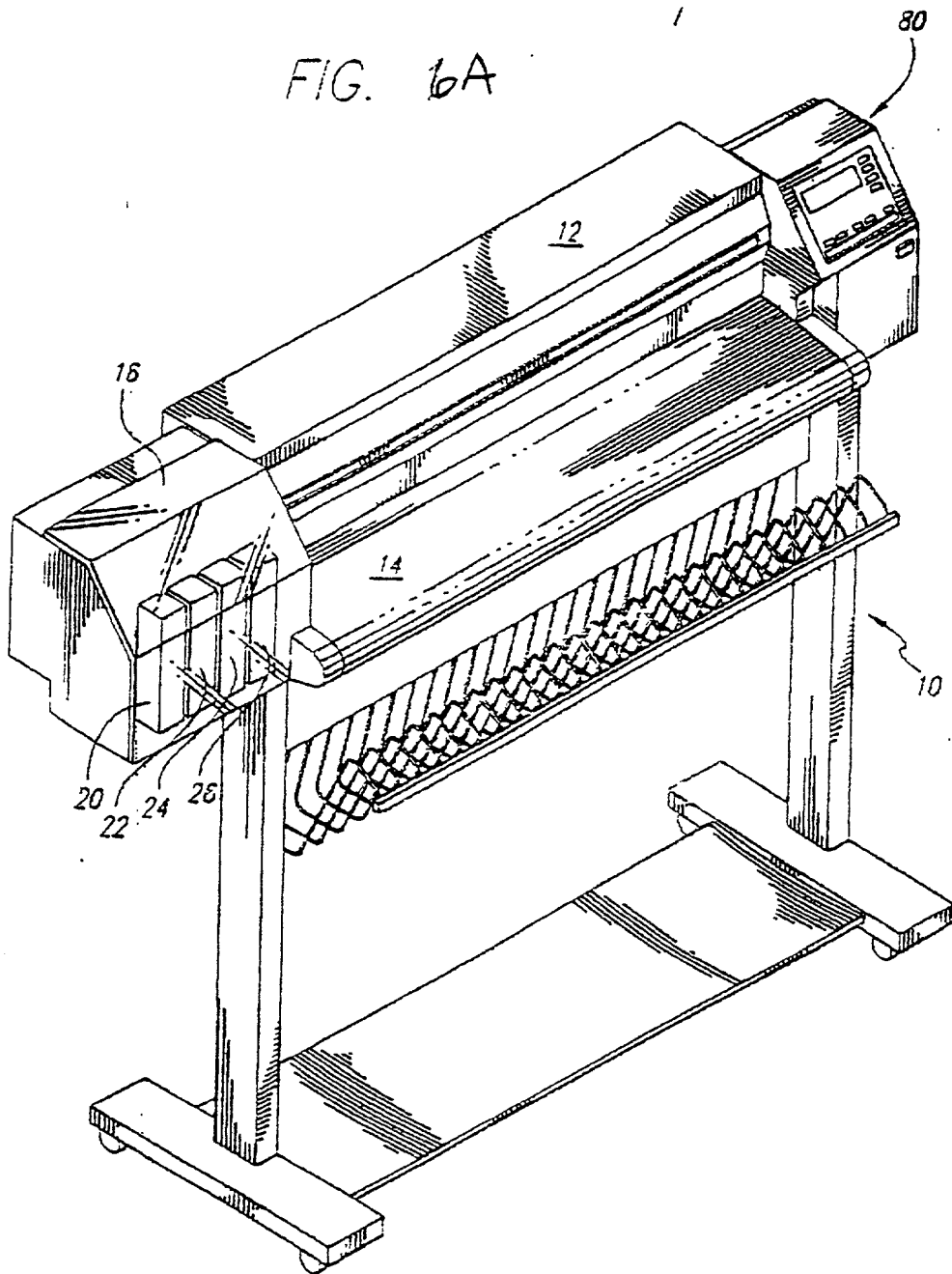


SECTION 5B--5B

FIG. 5B

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FIG. 1A



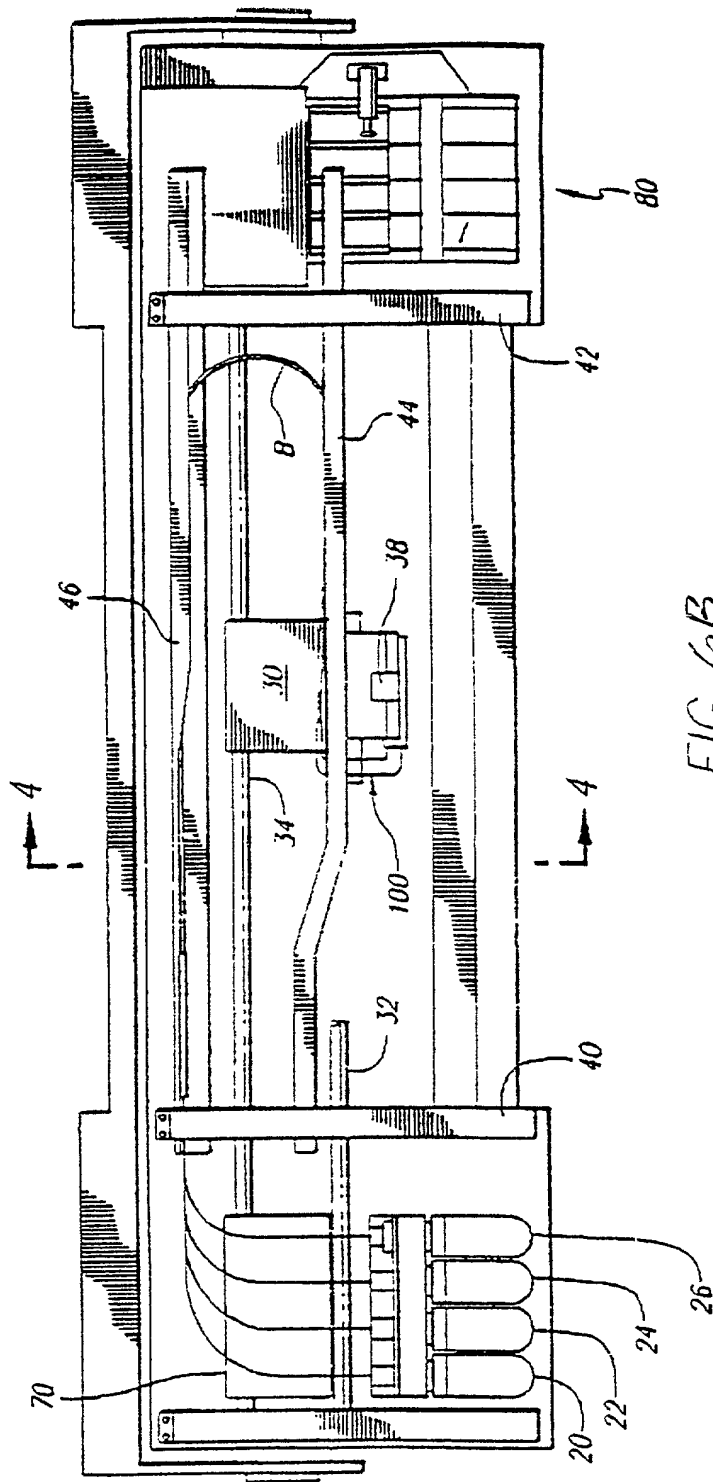
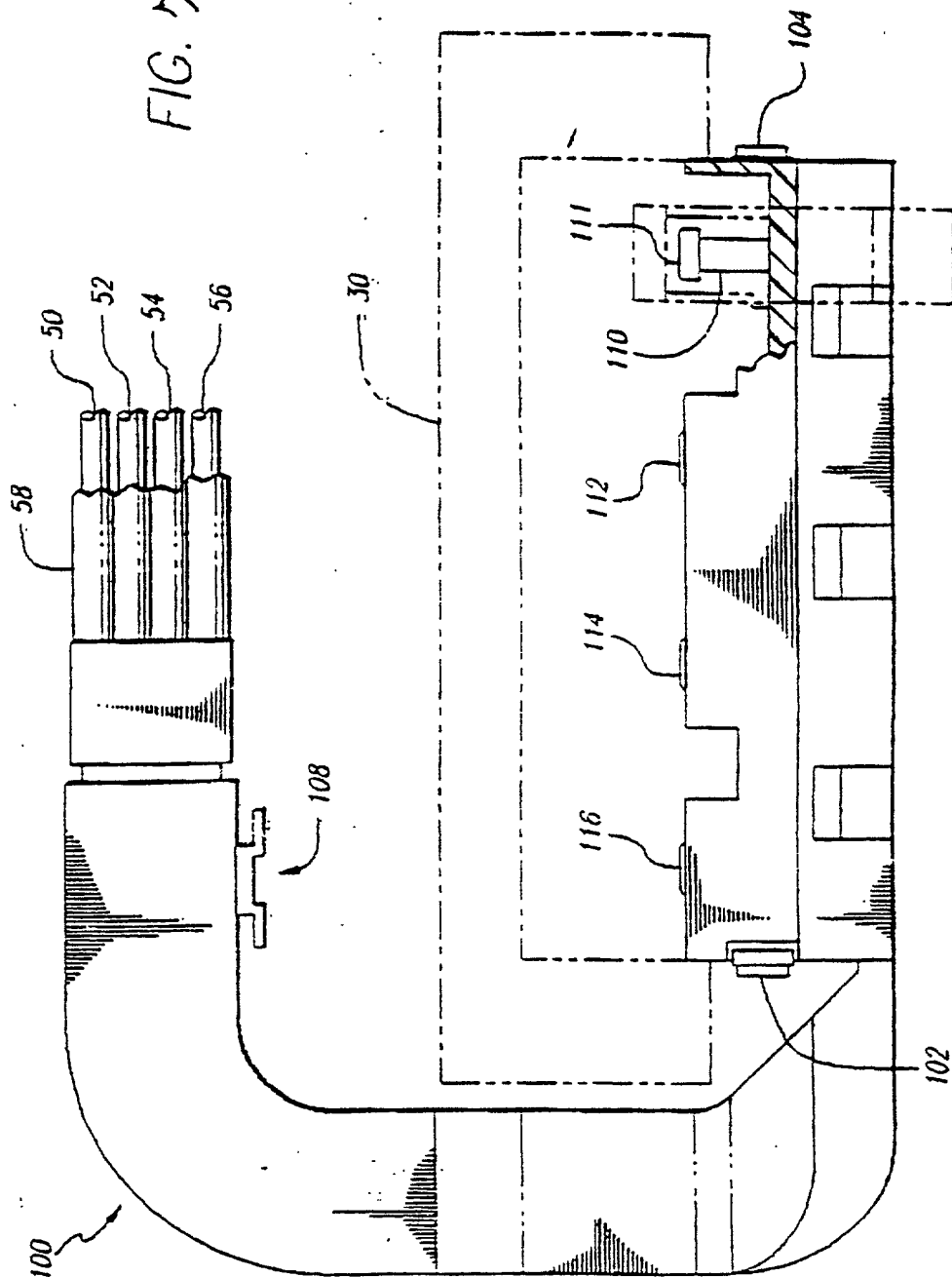
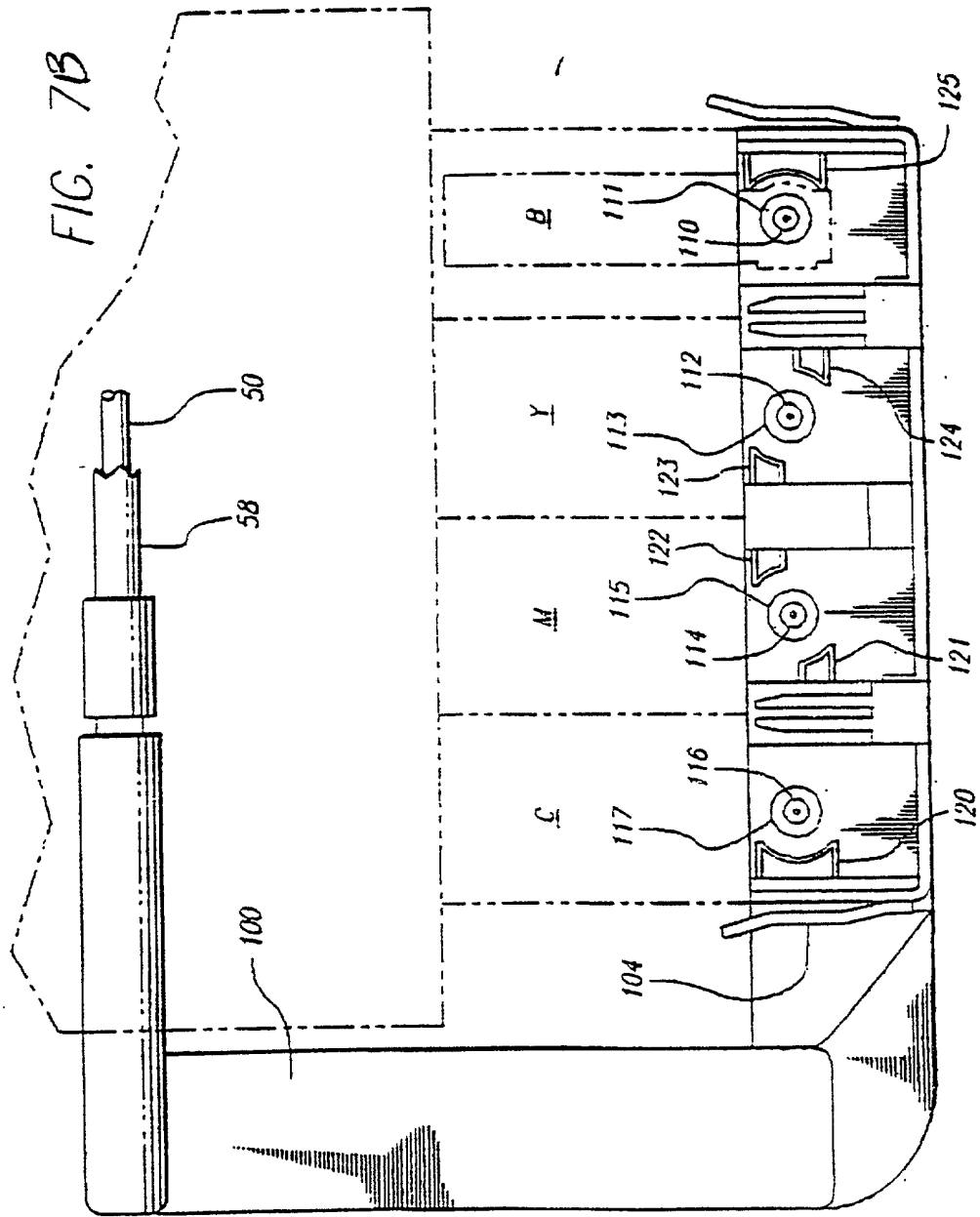


FIG. 6B

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FIG. 7A





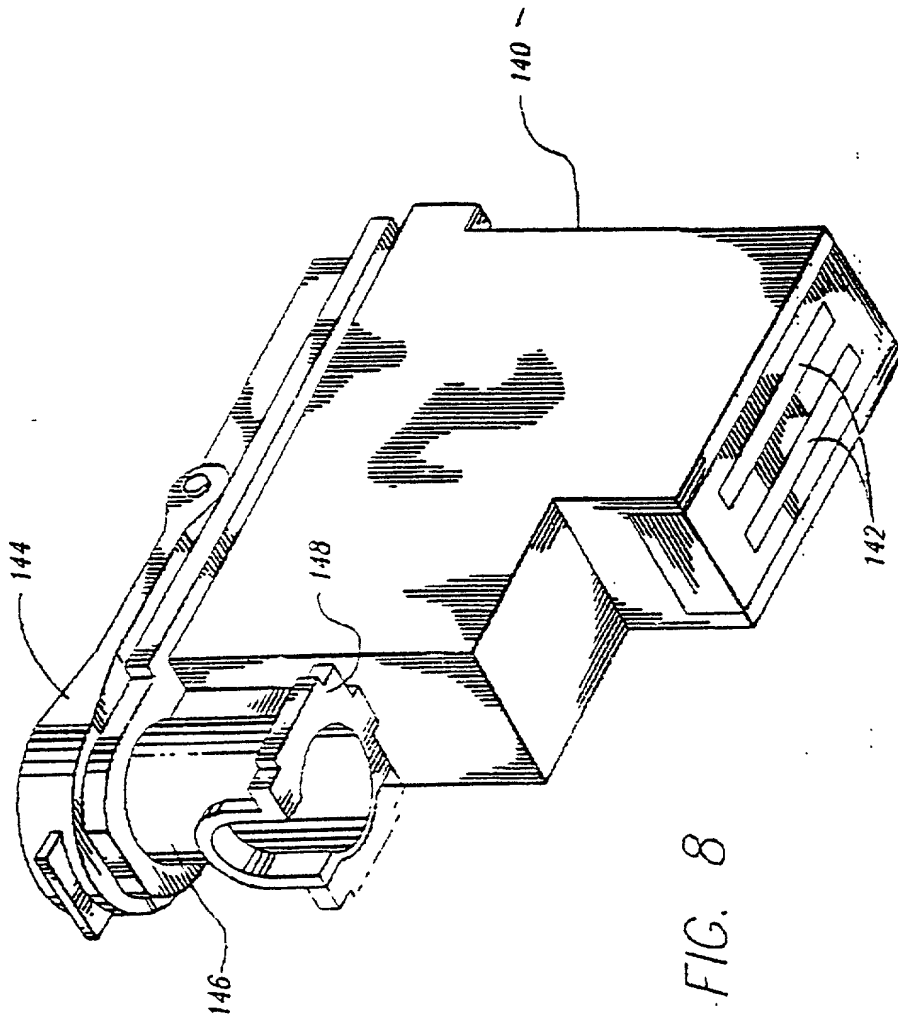


FIG. 8

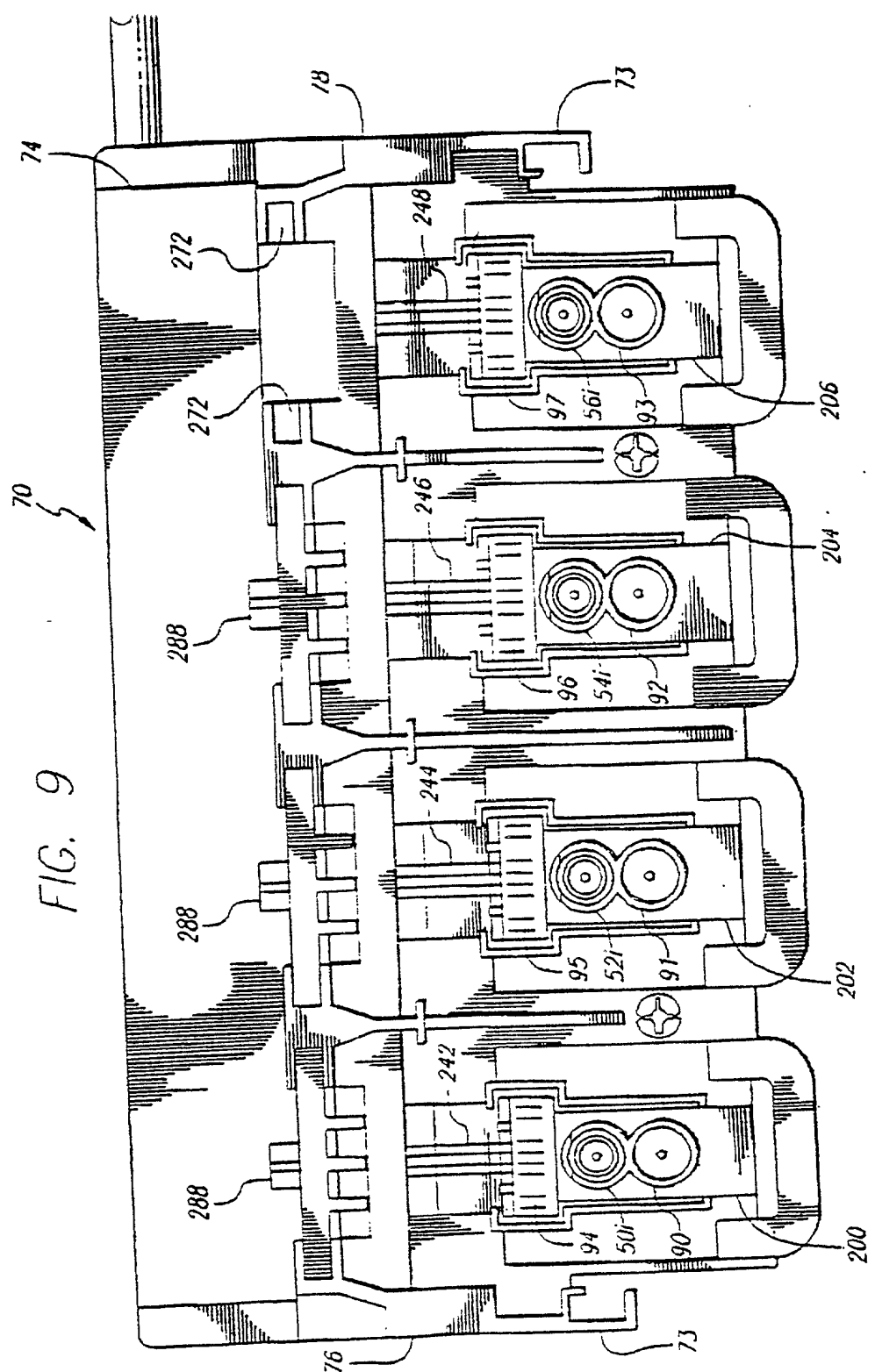


FIG. 9

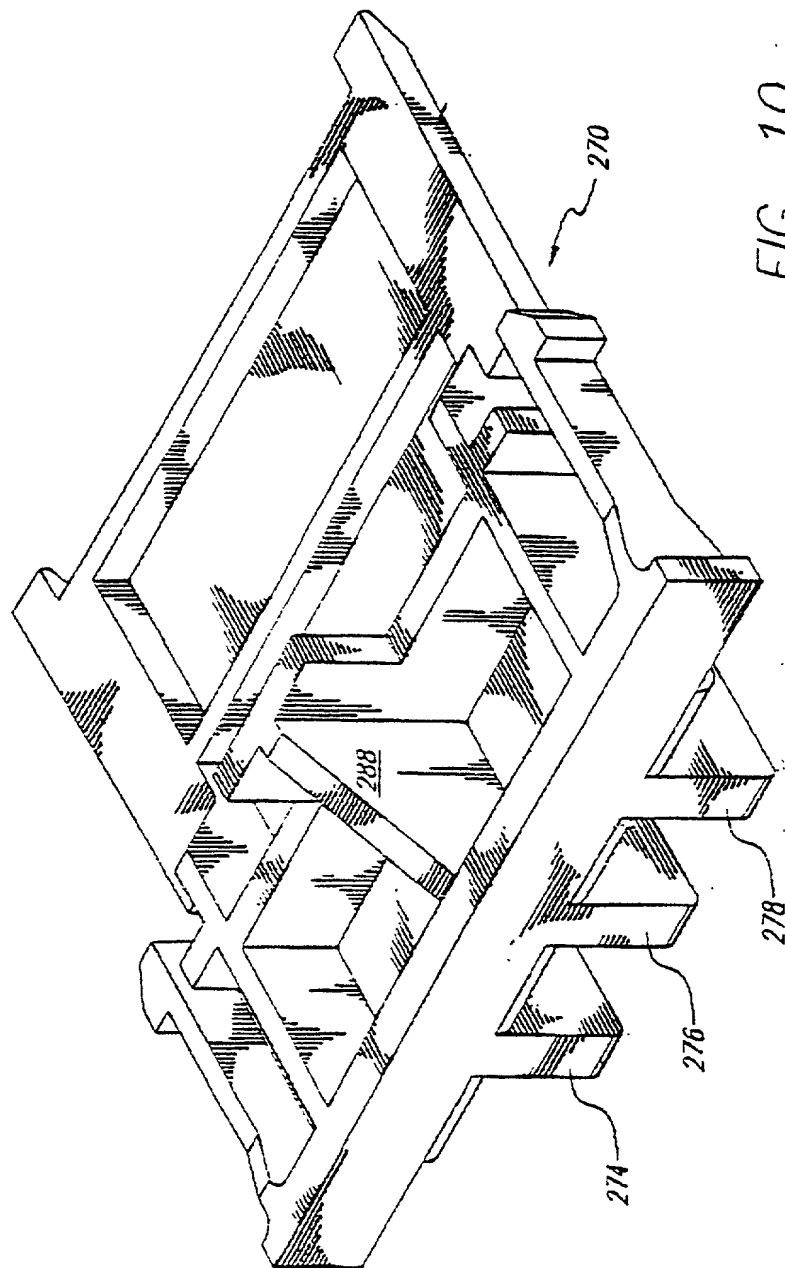
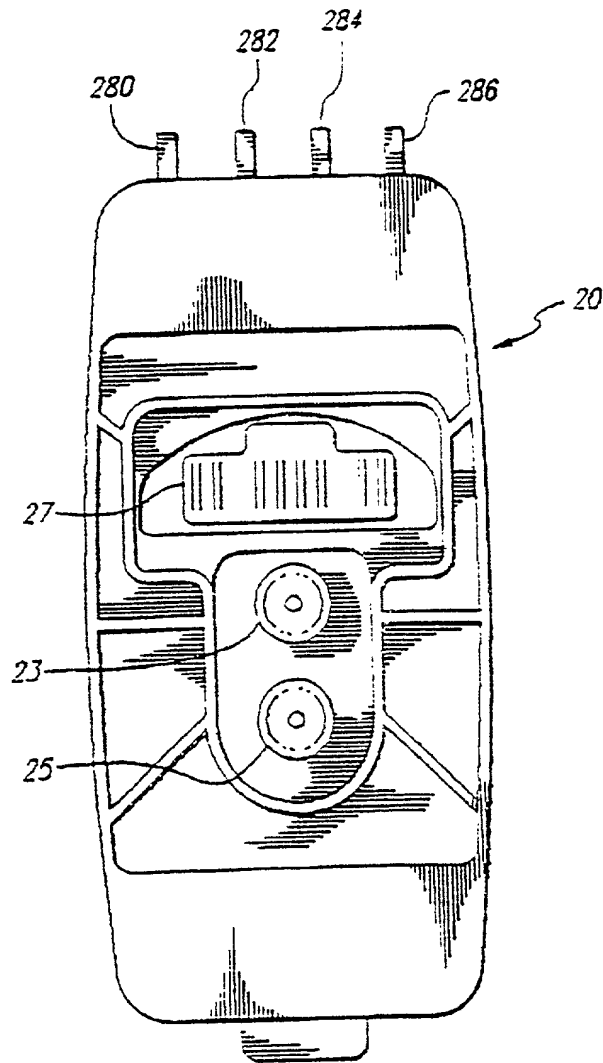
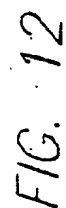


FIG. 10

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FIG. 11





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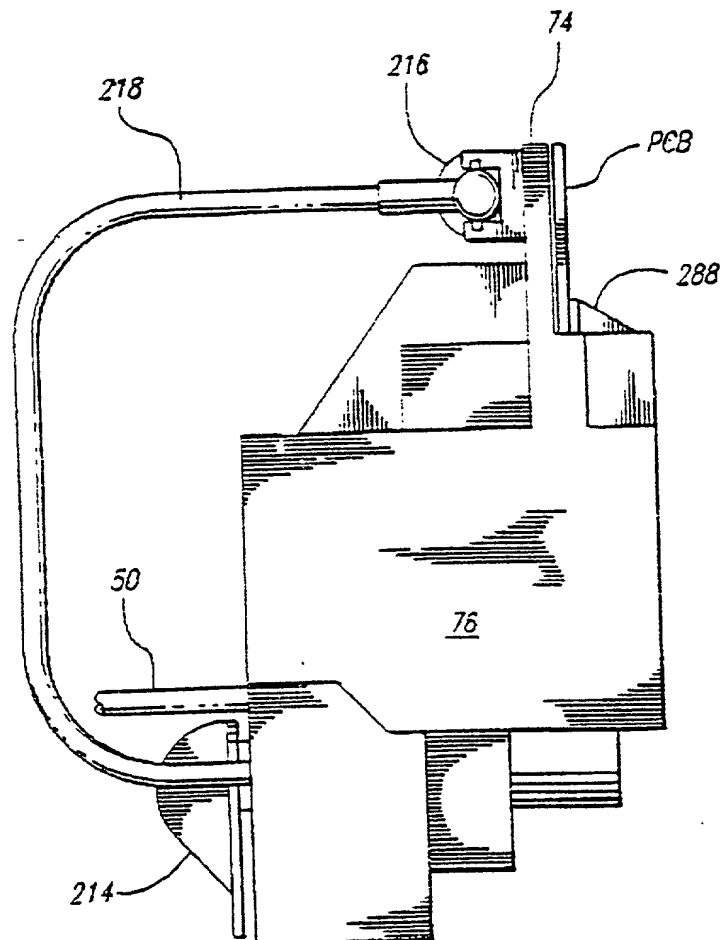
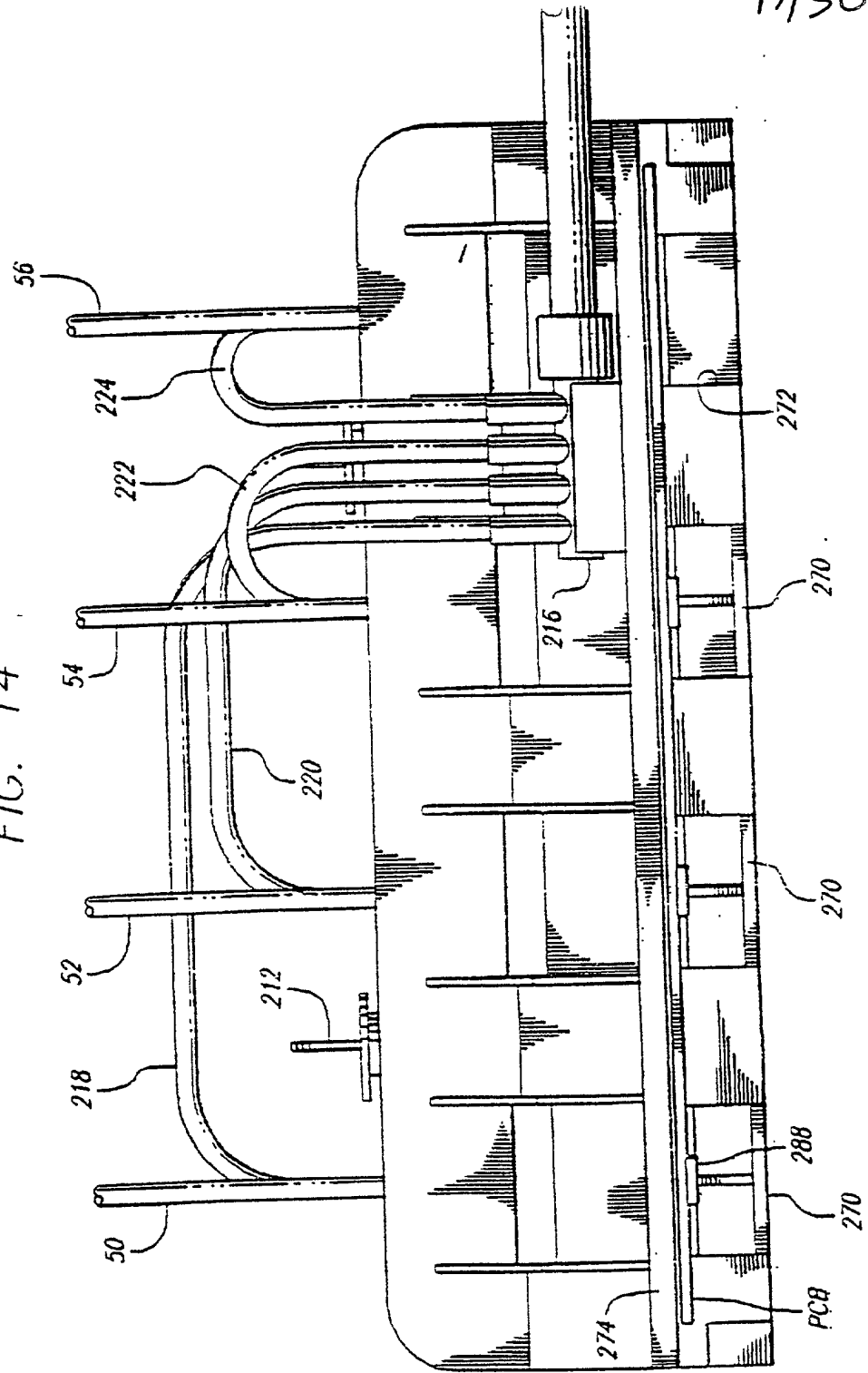


FIG. 13

FIG. 14



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FIG. 15

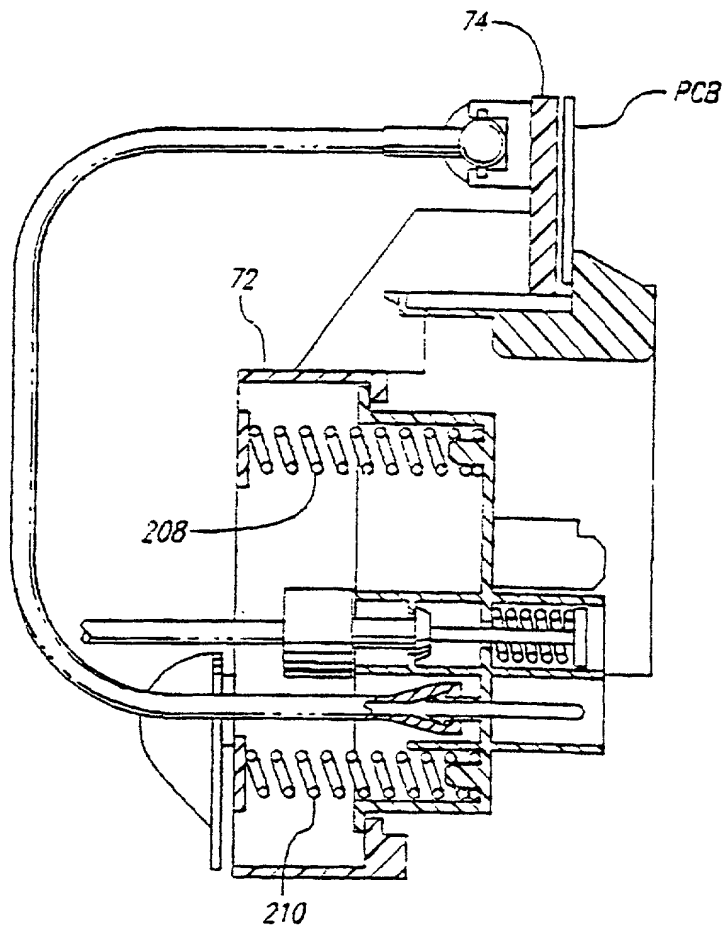


FIG. 15

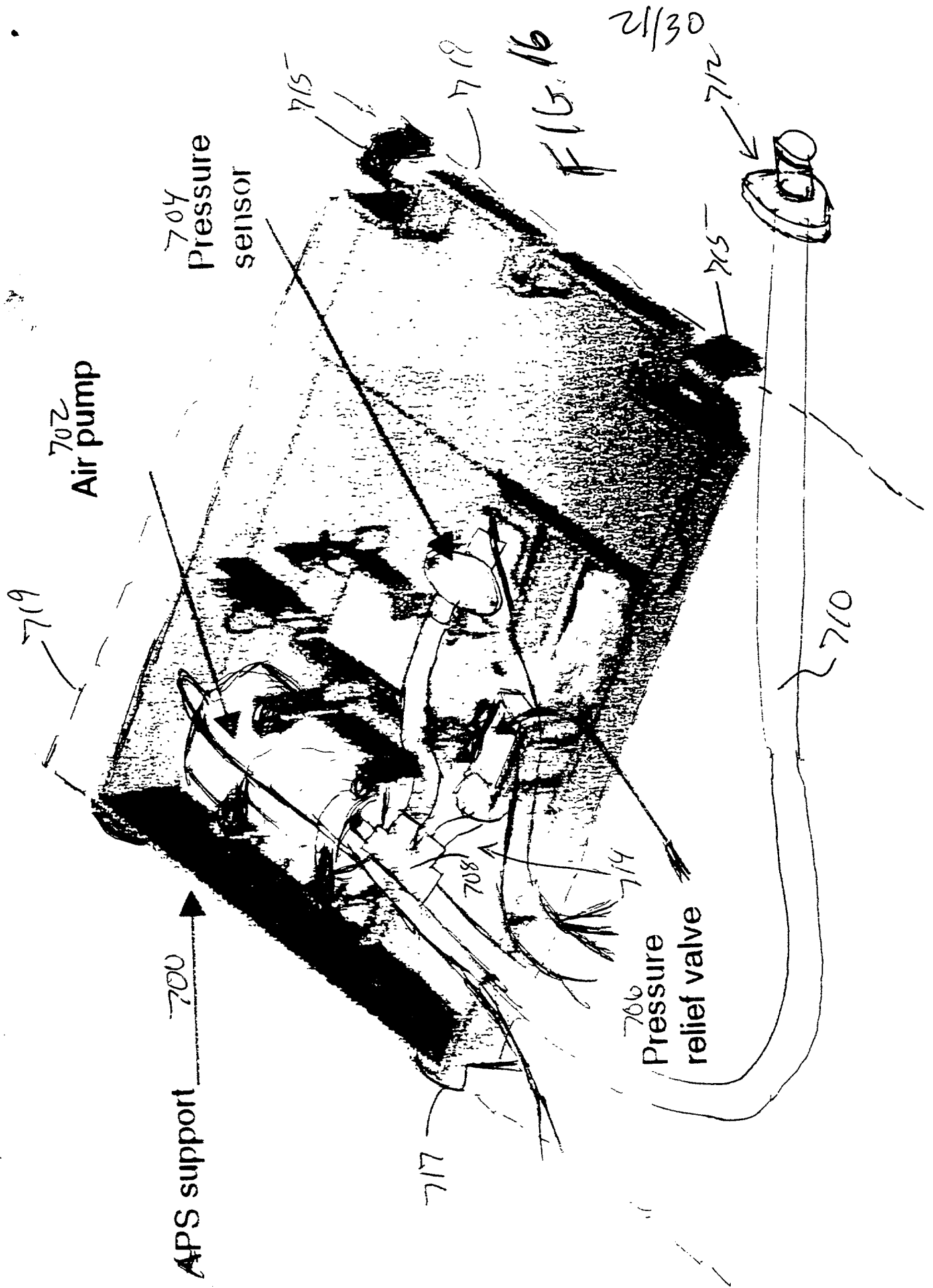


FIG. 17

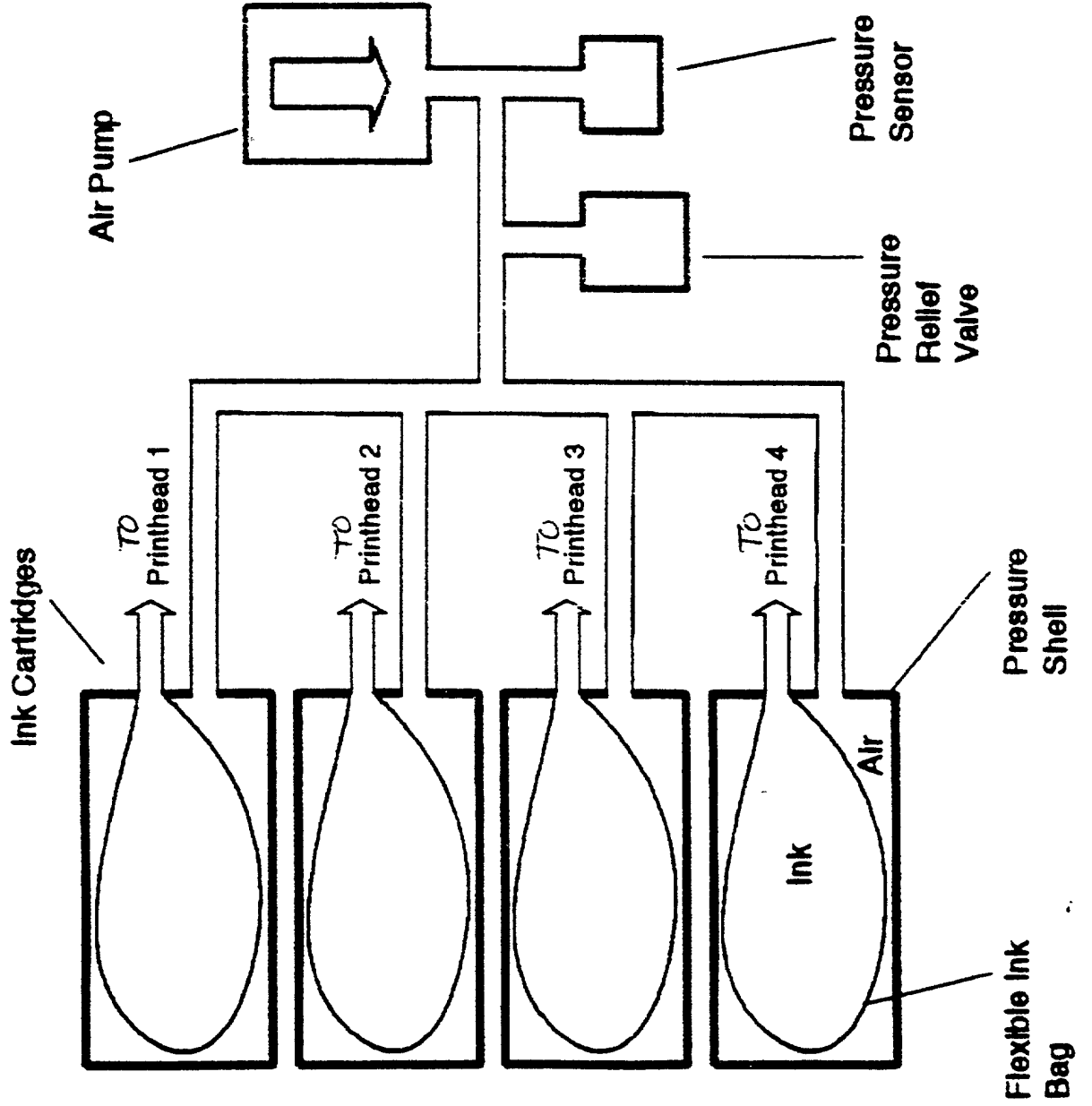


FIG. 18A

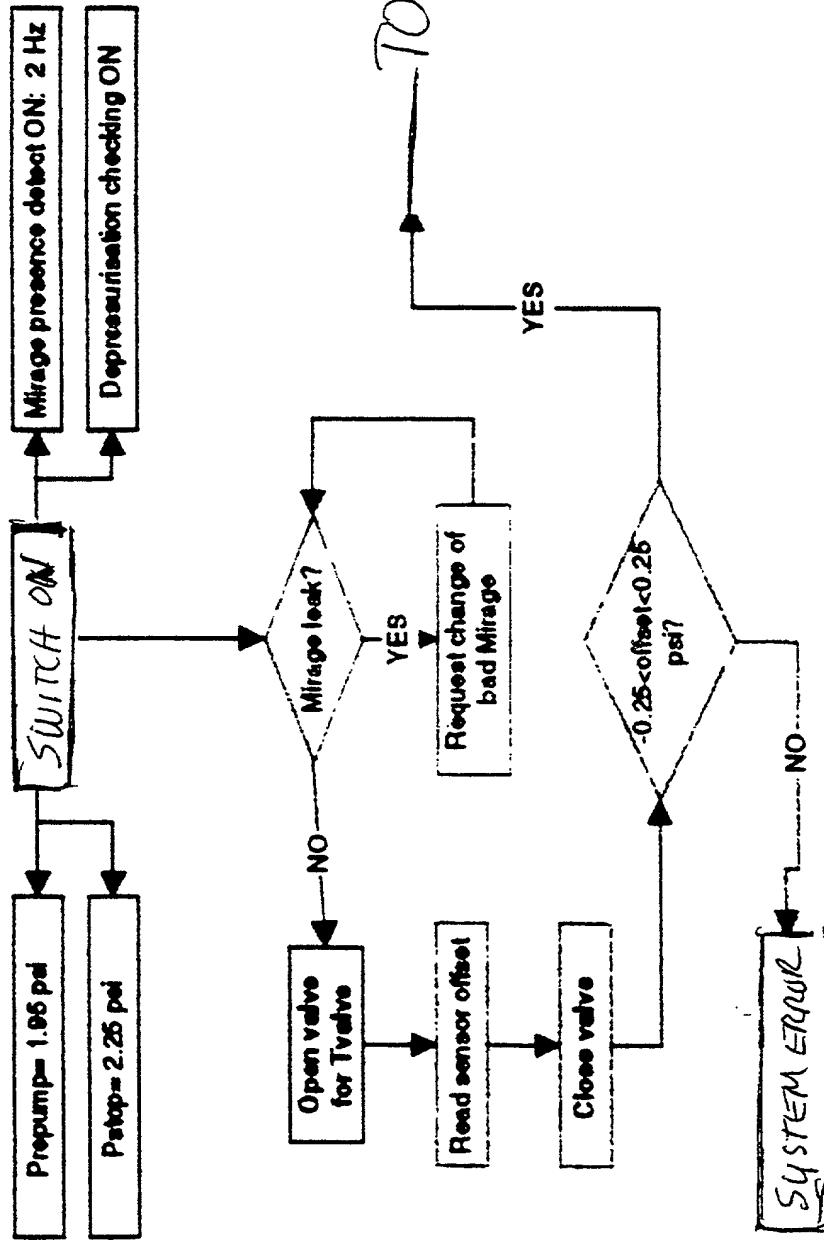
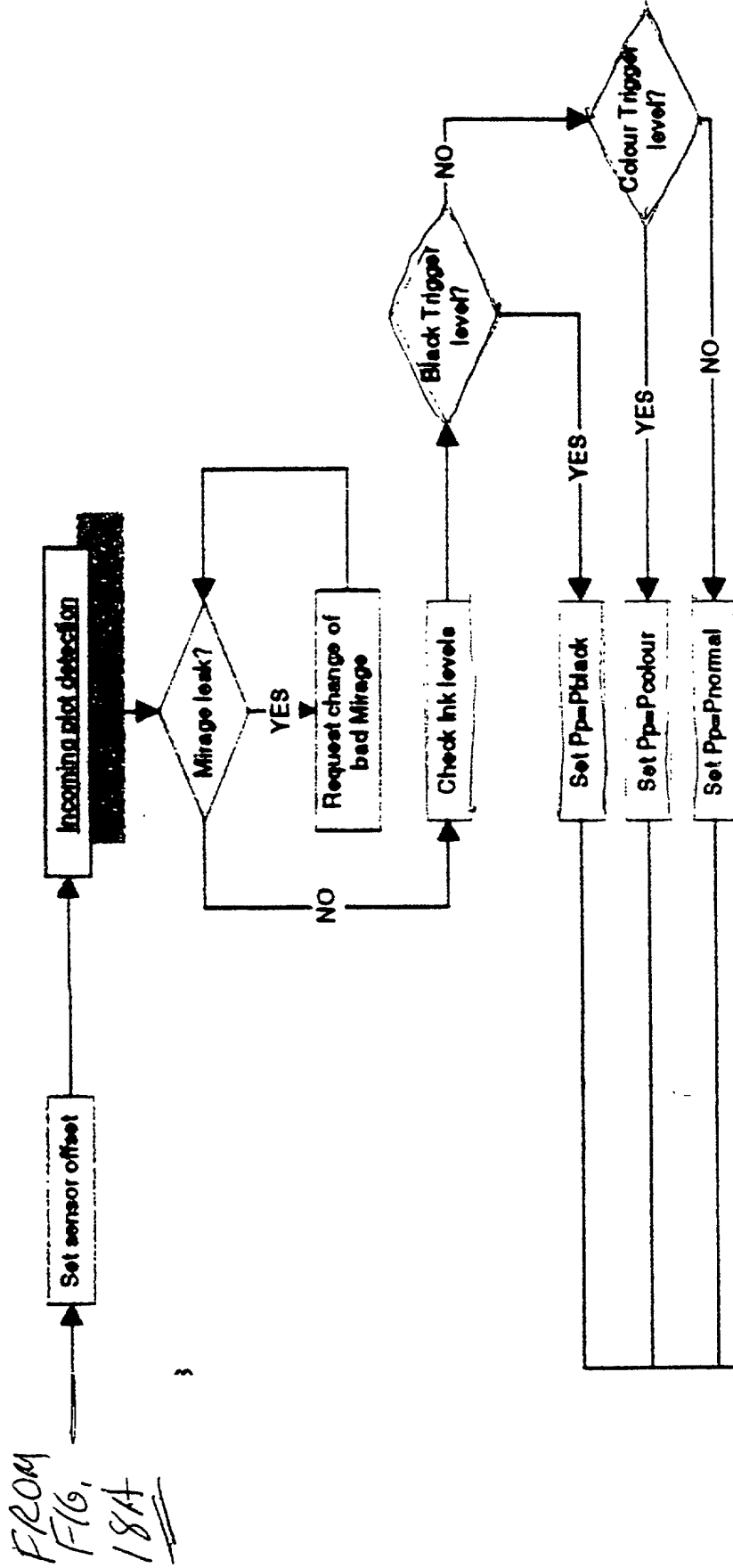


FIG. 18B

FIG. 18B



TO FIG. 18C

FROM FIG. 18B

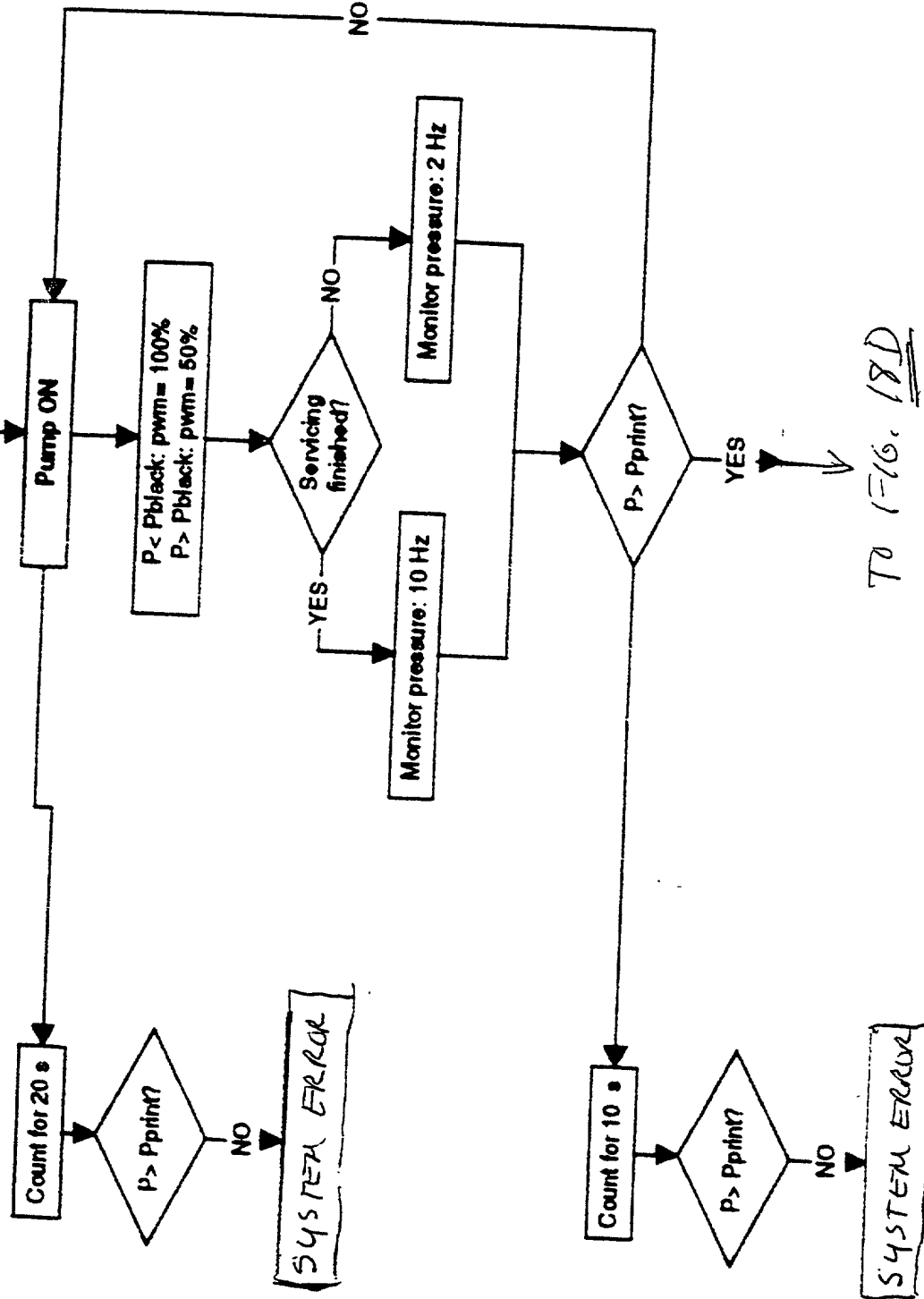


FIG. 18C

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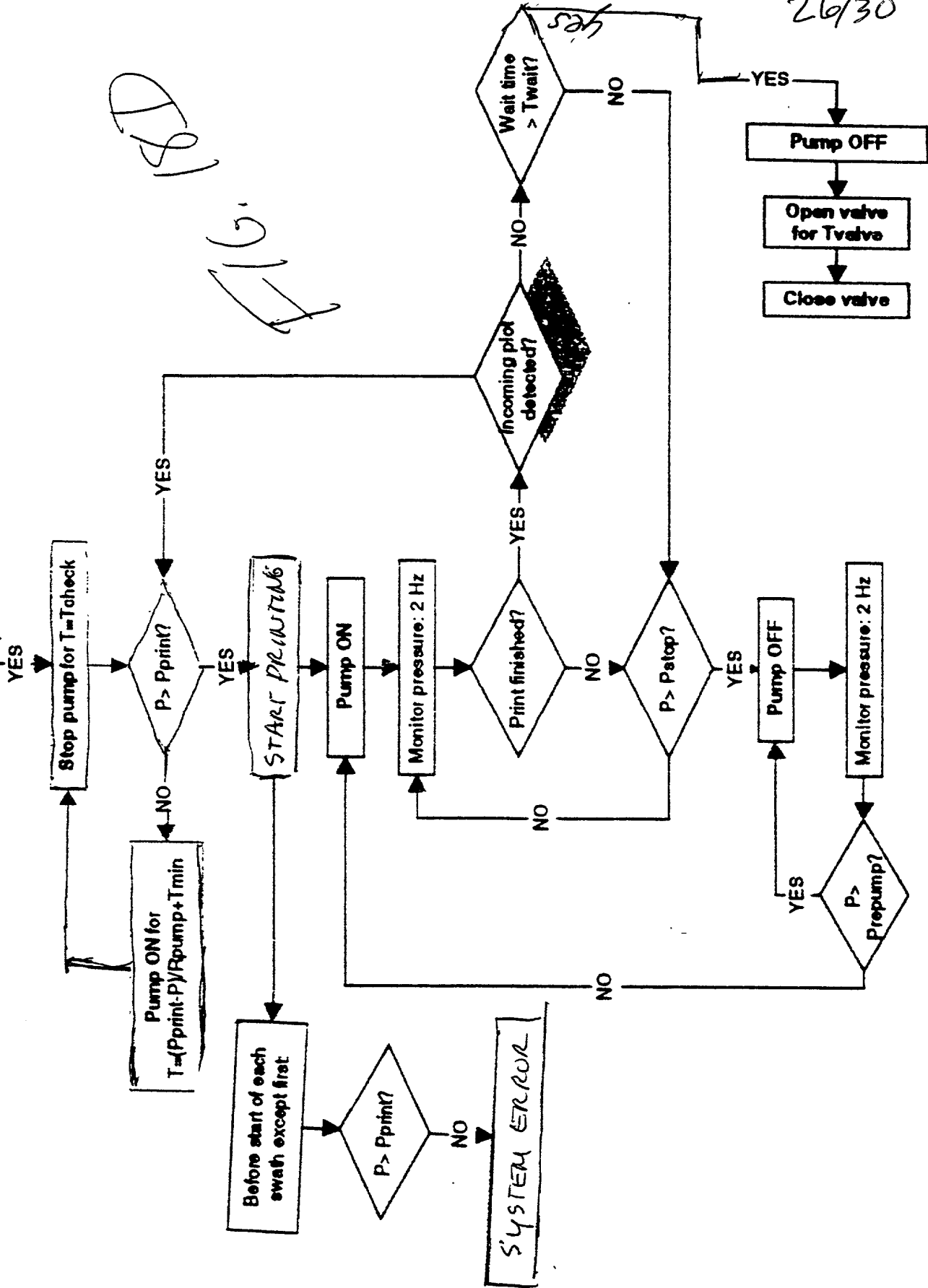
TO FIG. 18D

FROM FIG. 18C

18D

Fig.

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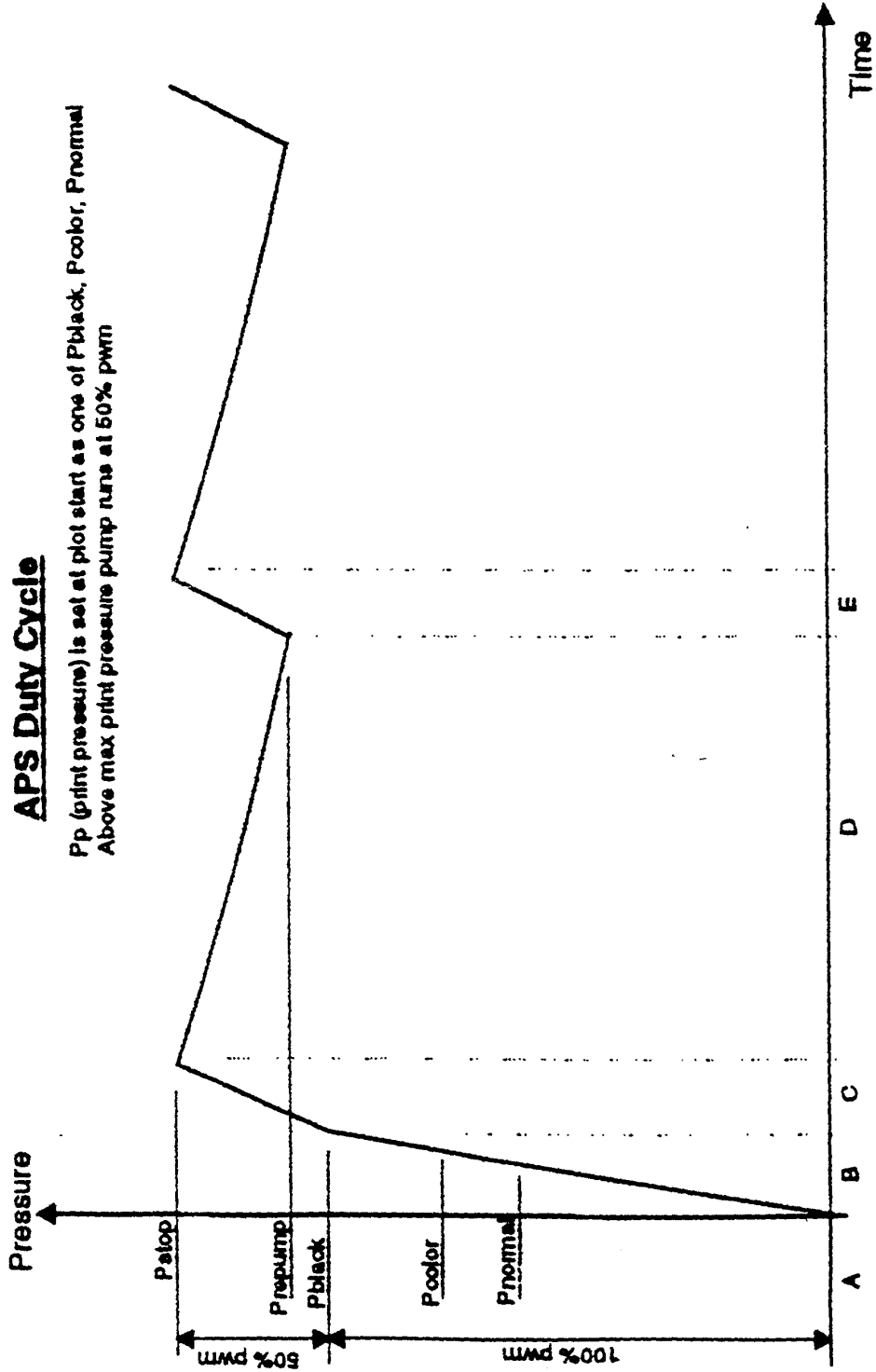
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Fig. 19

### APS Duty Cycle

Pp (print pressure) is set at plot start as one of Pblack, Pcolor, Pnormal  
Above max print pressure pump runs at 50% PWM



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FIG. 20

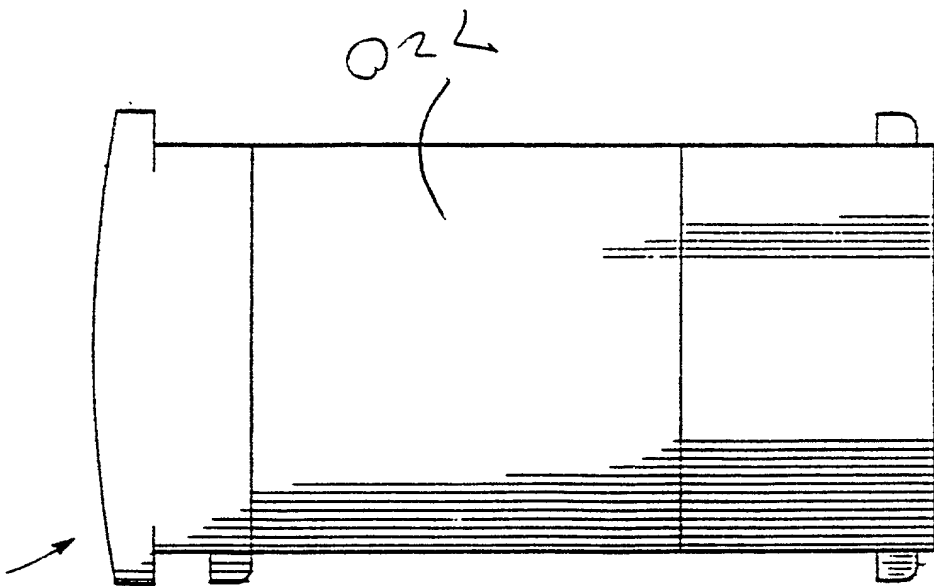
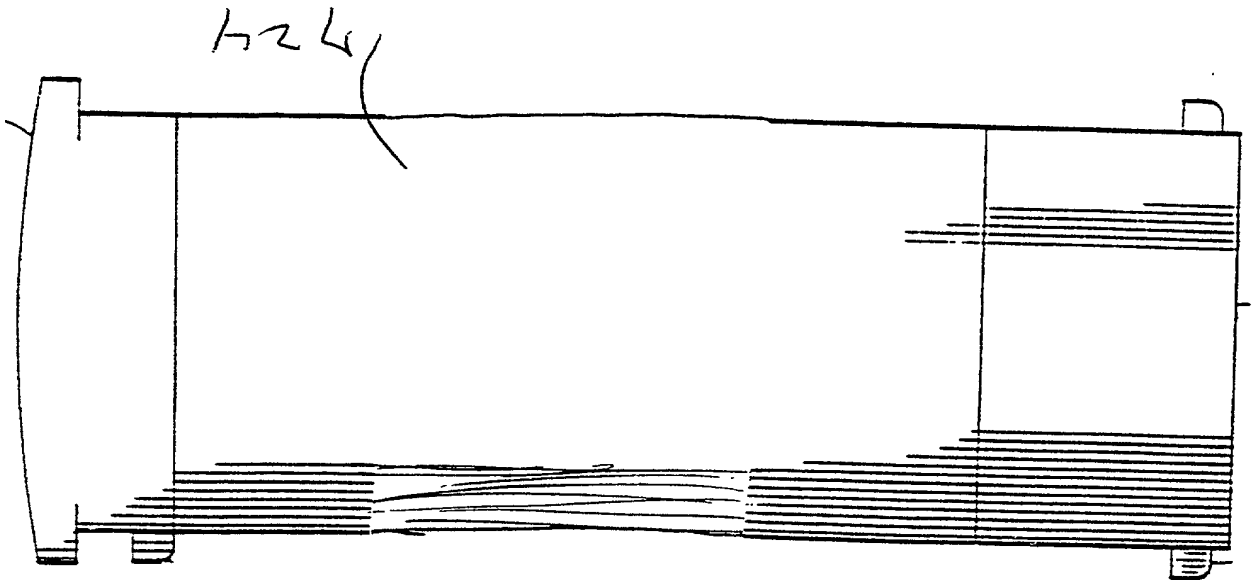


FIG. 20

FIG. 22

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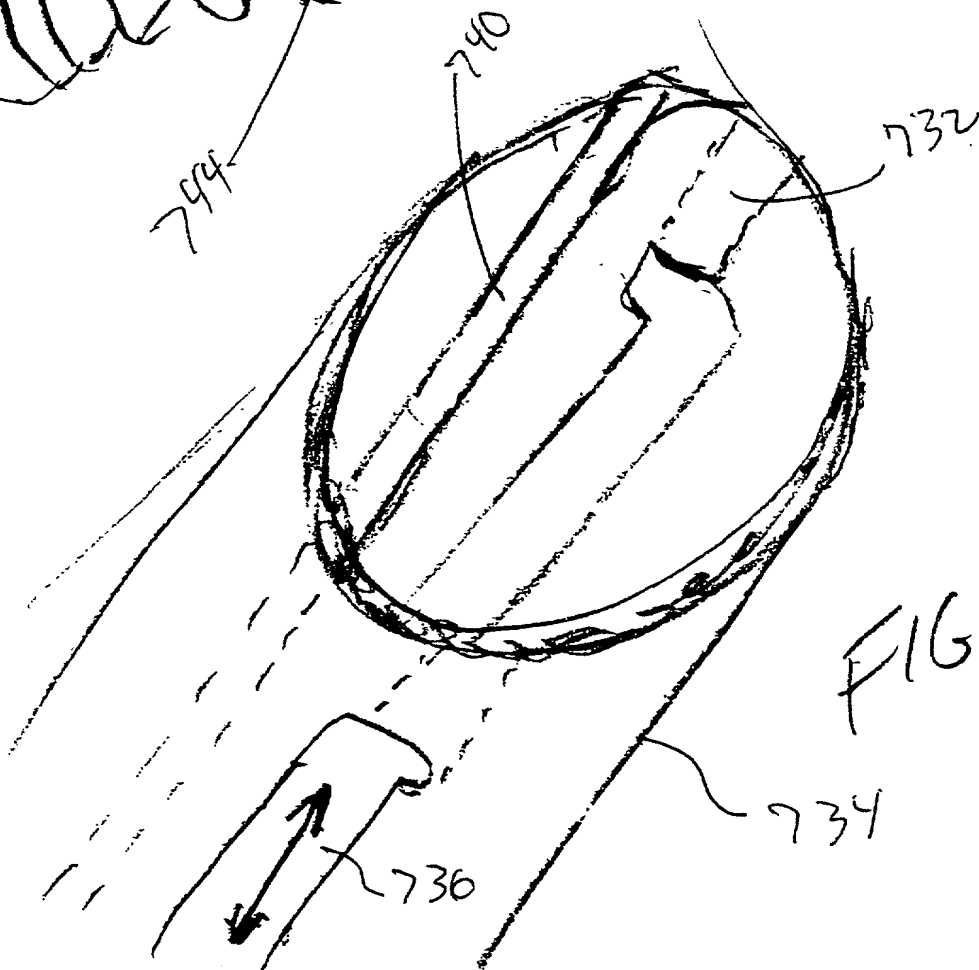
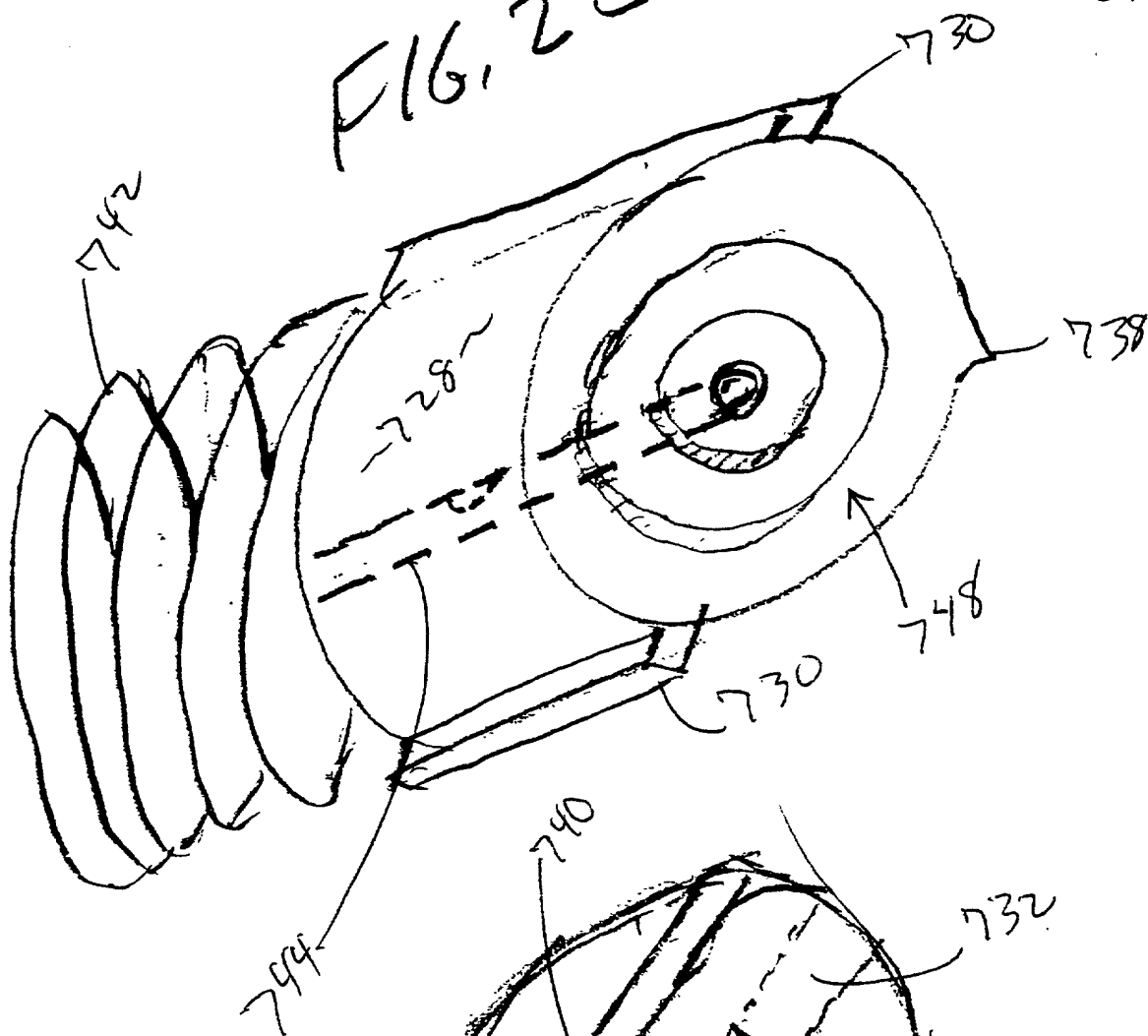


FIG. 21

FIG. 23

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OPERATING MODE	PRESSURE RELIEF VALVE	APPROXIMATE AIR PRESSURE
SYSTEM ERROR	OPEN	ZERO
NEW INK SYSTEM INSTALLED - PURGE FROM INK TUBES	$\frac{\text{OPEN } \Delta}{\text{CLOSED}}$	1.5 PSI
PRIME PRINTHEADS WITH POSITIVE INK PRESSURE	$\frac{\text{OPEN } \Delta}{\text{CLOSED}}$	2 PSI
REPLACE PRINTHEAD	OPEN	ZERO
REPLACE INK CARTRIDGE	OPEN	ZERO
NORMAL PRINTING	CLOSED	2.5 PSI
OVERNIGHT NON-USE	OPEN	ZERO